FIG. 1

FIG. 2

F I G . 3

F I G . 4

FIG. 5

FIG. 6

F I G . 7

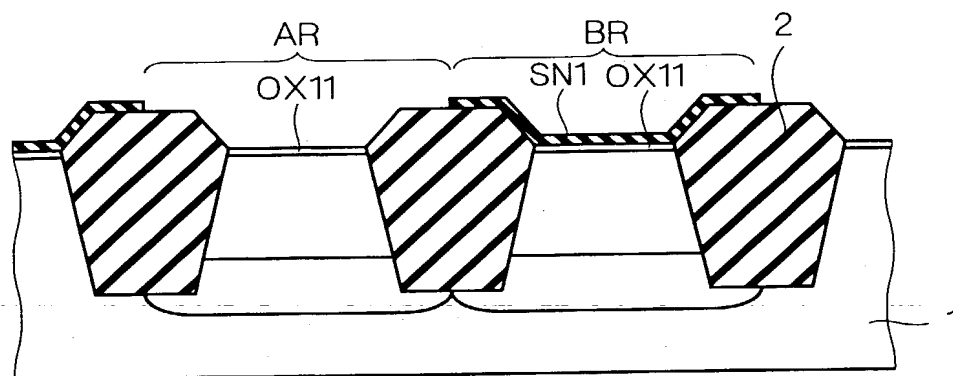# F I G . 8

FIG. 9

FIG. 10

F I G . 1 1

F I G . 1 2

FIG. 13

THRESHOLD
VOLTAGE
[V]

Q

0.2~0.3V

AREA D1

AREA D2

P

0   10

DEPTH OF RECESS AROUND ACTIVE REGION (nm)

FIG. 14

AR   BR

GT1   9A   300   DP 9B   400 GT2

8

7

6

GX1   GX2

2

1

4A 5A   4B 5B

3A   3B

F I G . 1 5

GW1　GT1　9A　DP　9B　GT2　GW2

300

400

8

7

6

2

1

GX1

SDA

GX2

SDB

4A　5A　3A　　4B　5B　3B

F I G . 1 6

3A　　　　3B　　　2

1

4A　5A　　4B　5B

F I G . 1 7

F I G . 1 8
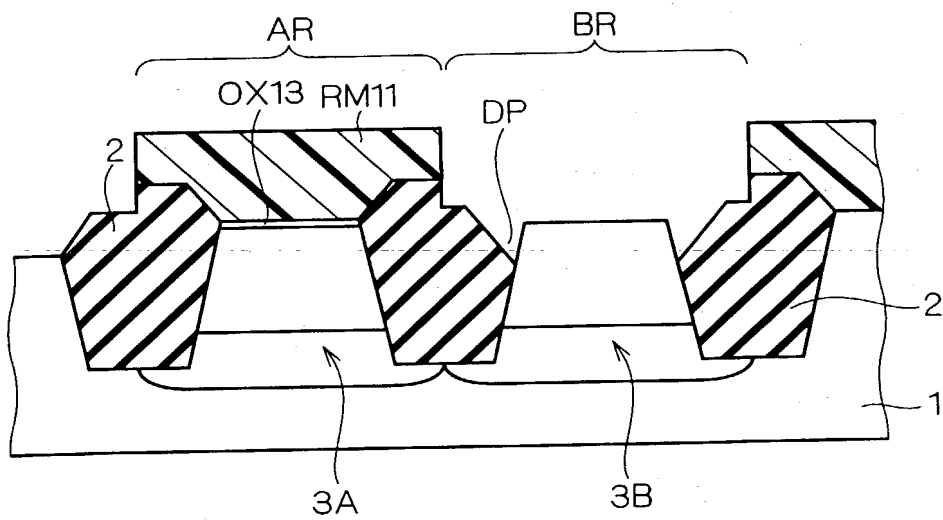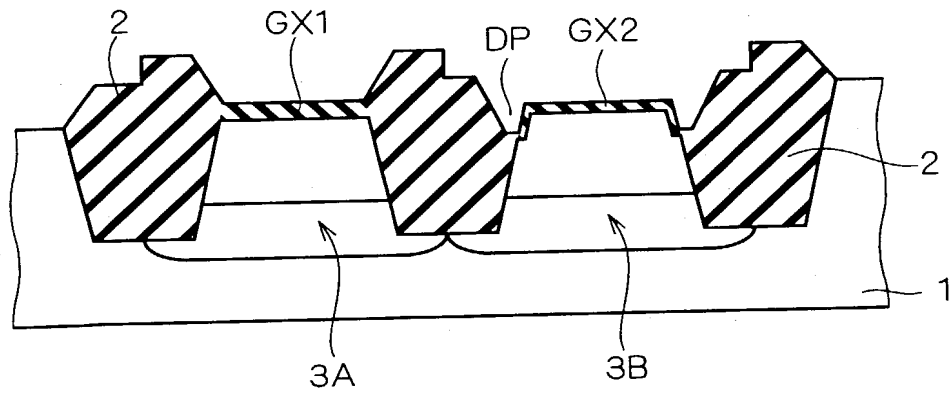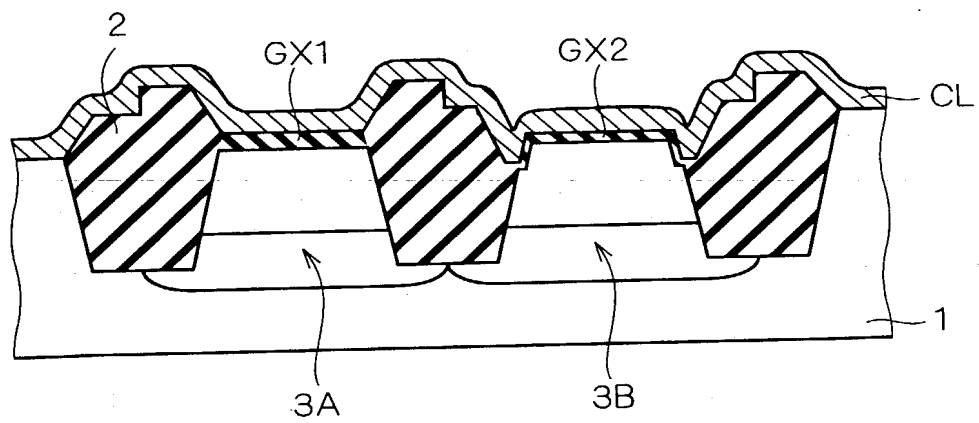
FIG. 19

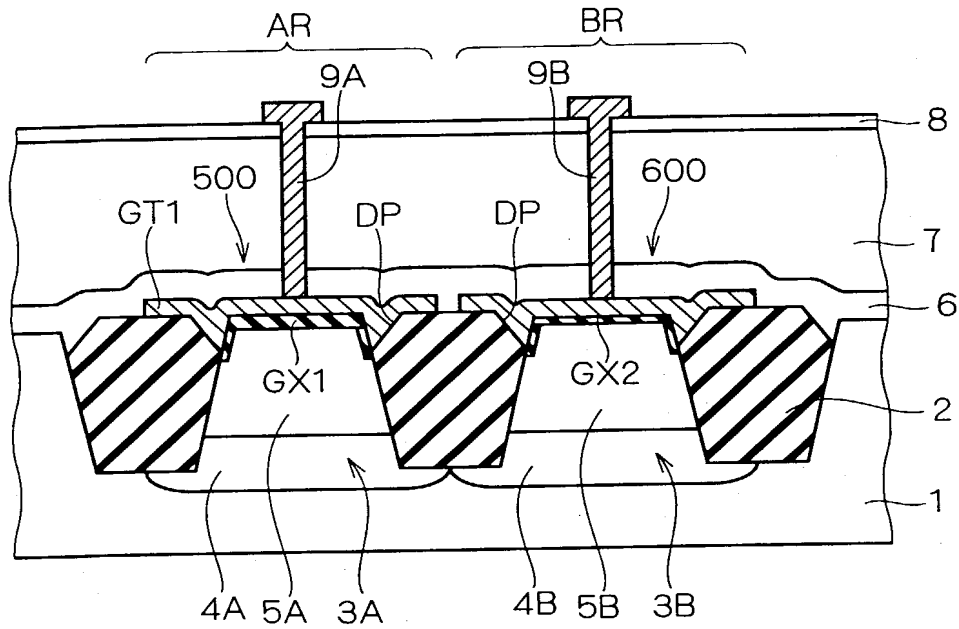GX1 DP GX2

2

2
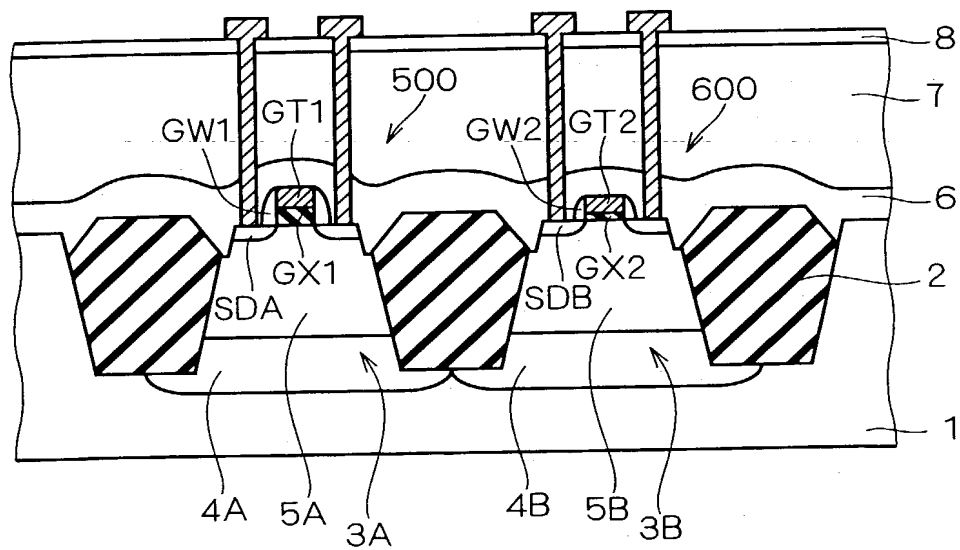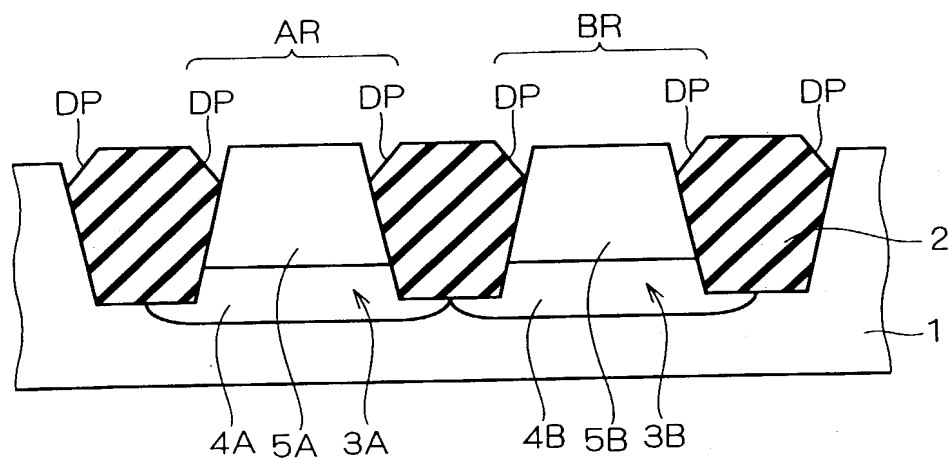
3A 3B

1

FIG. 20

2 GX1 GX2 CL
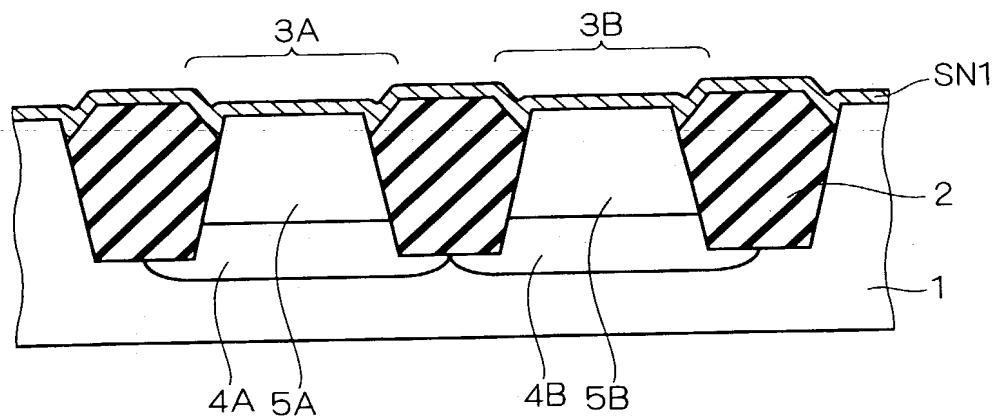
2

3A 3B

1
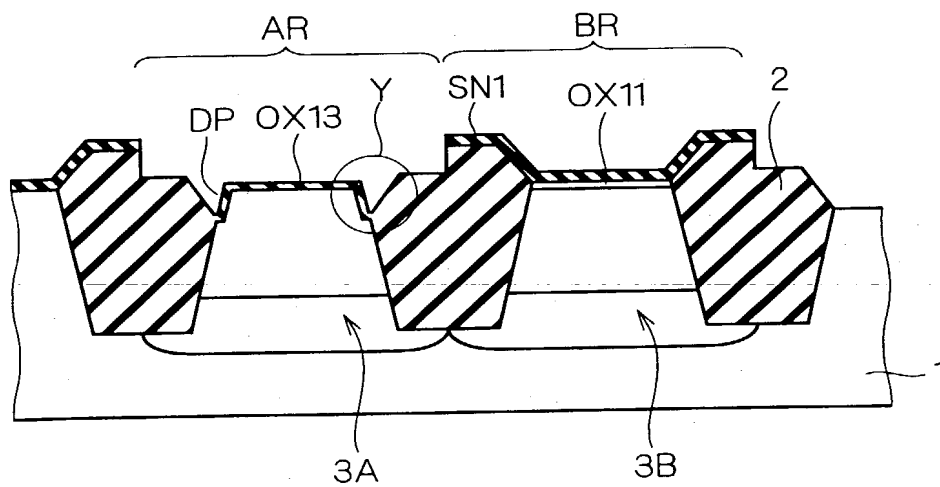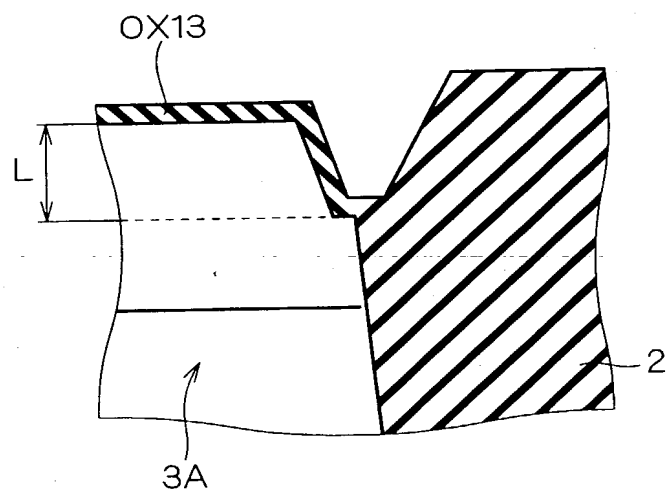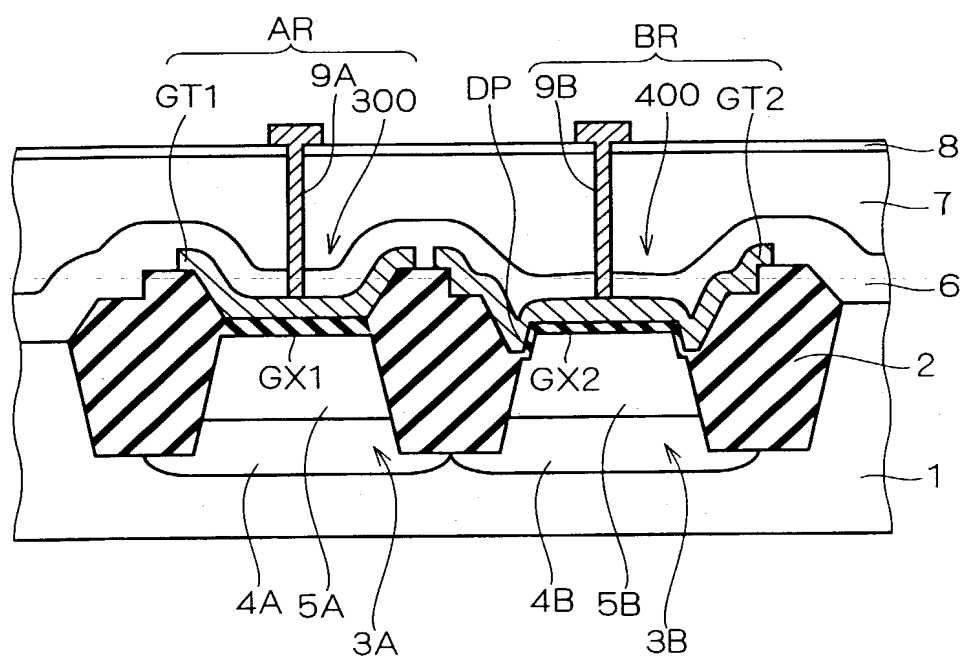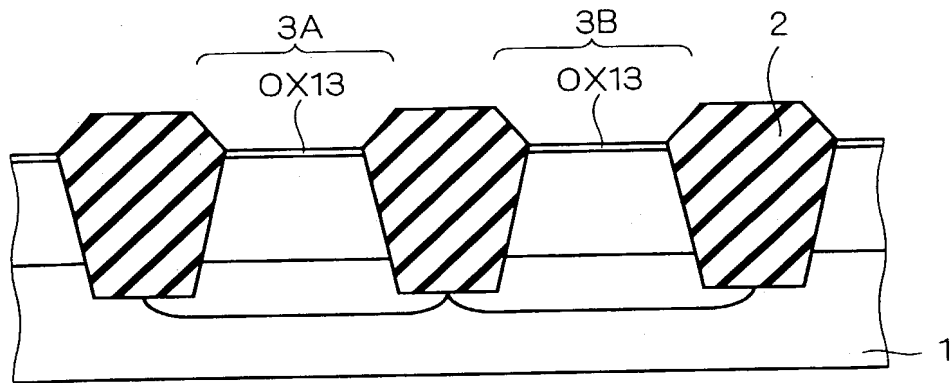
F I G . 2 1
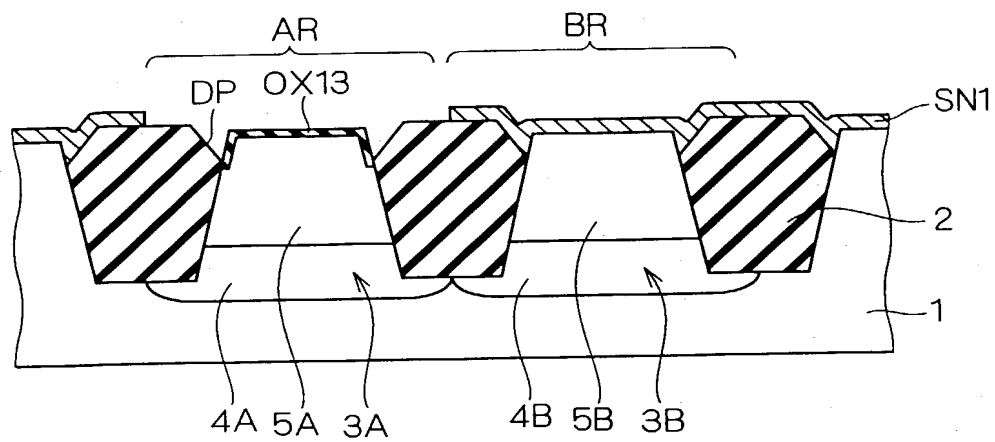

F I G . 2 2

FIG. 23

FIG. 24

FIG. 25

FIG. 26

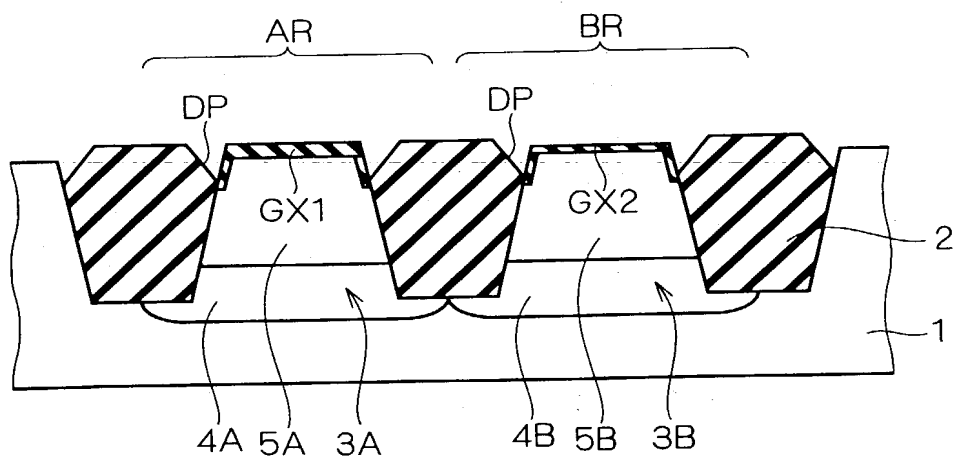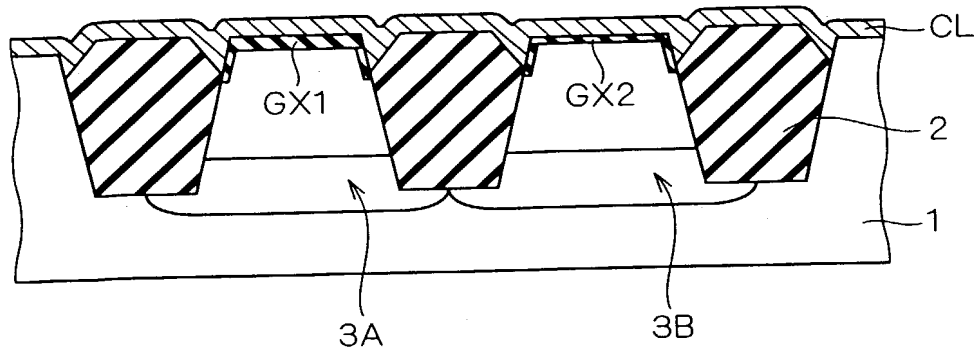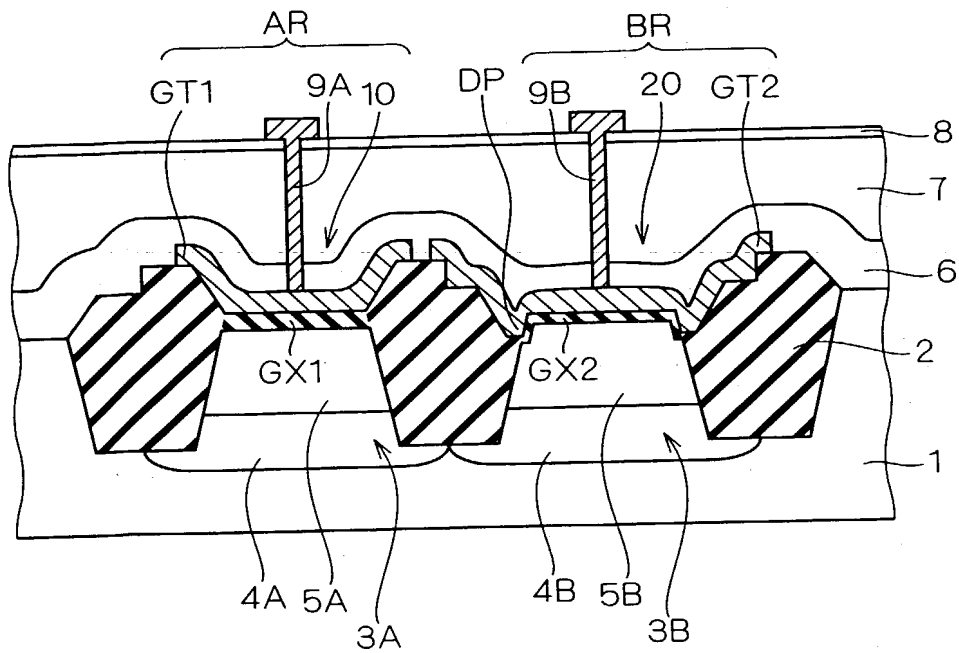FIG. 27
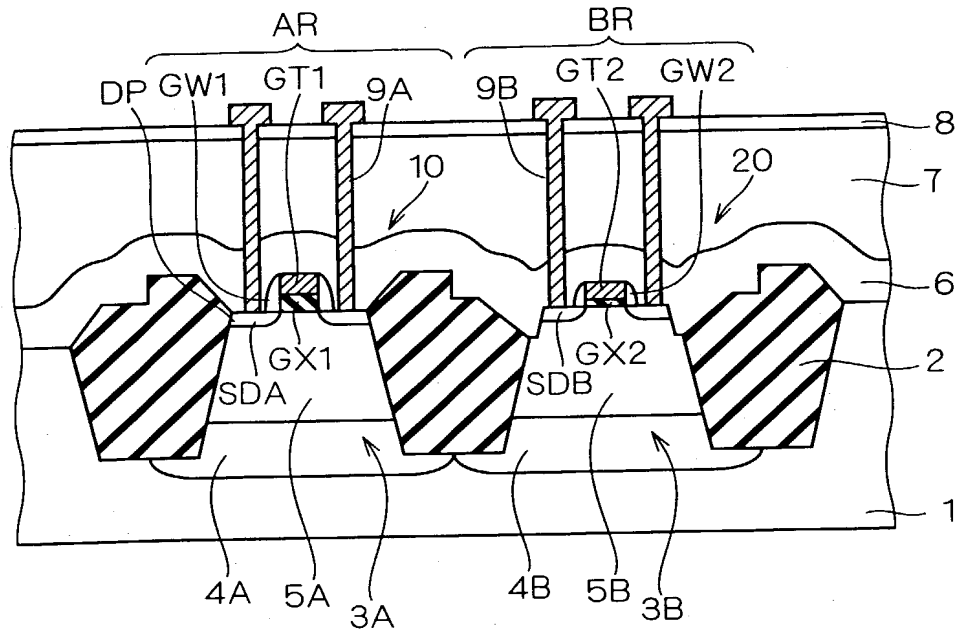

FIG. 28 (BACKGROUND ART)
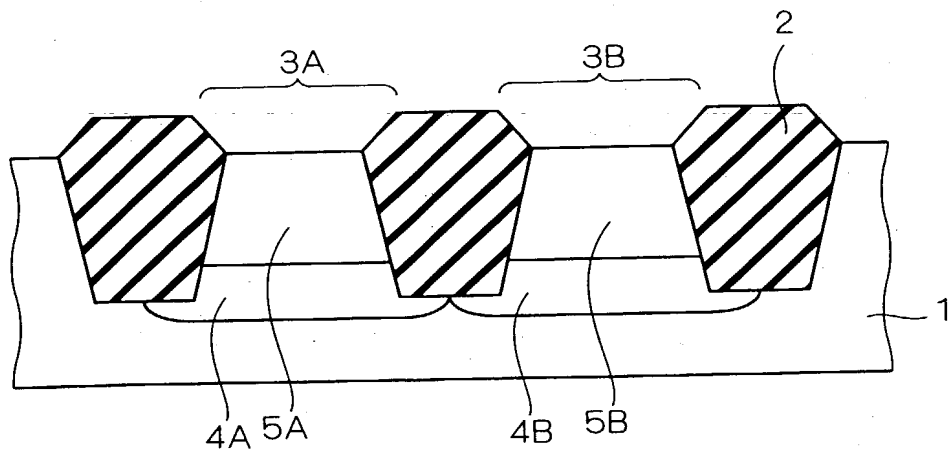
FIG. 29 (BACKGROUND ART)
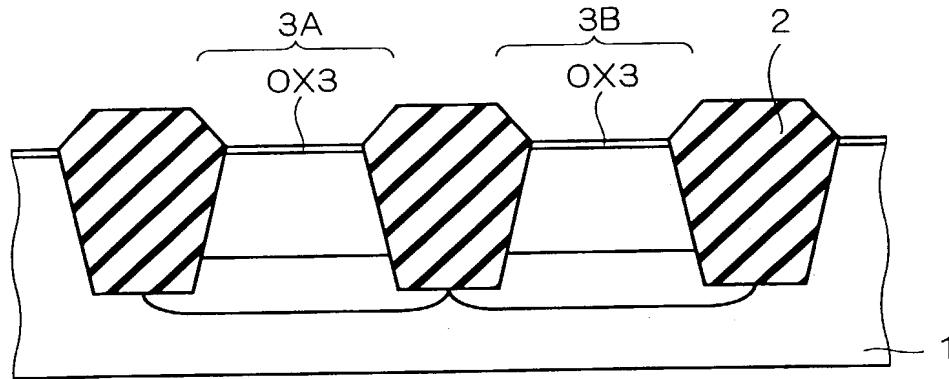

FIG. 30 (BACKGROUND ART)
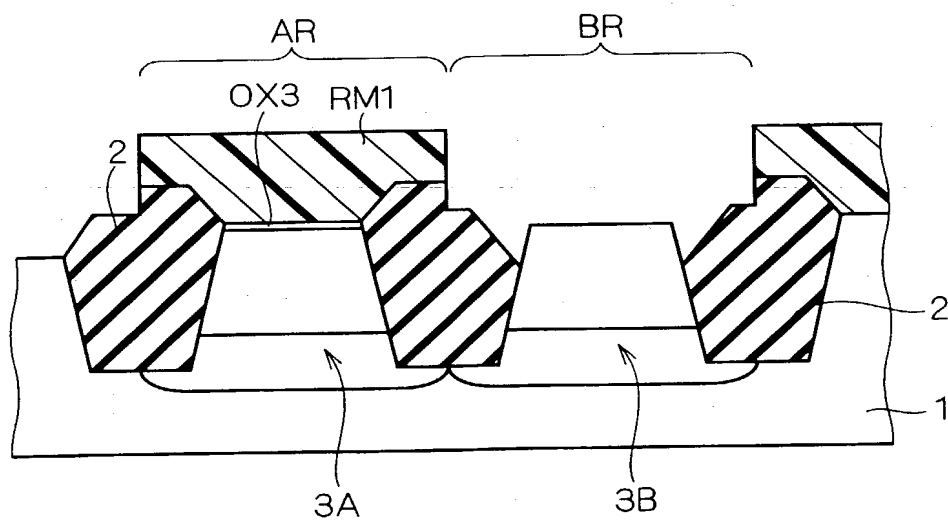
FIG.31(BACKGROUND ART)
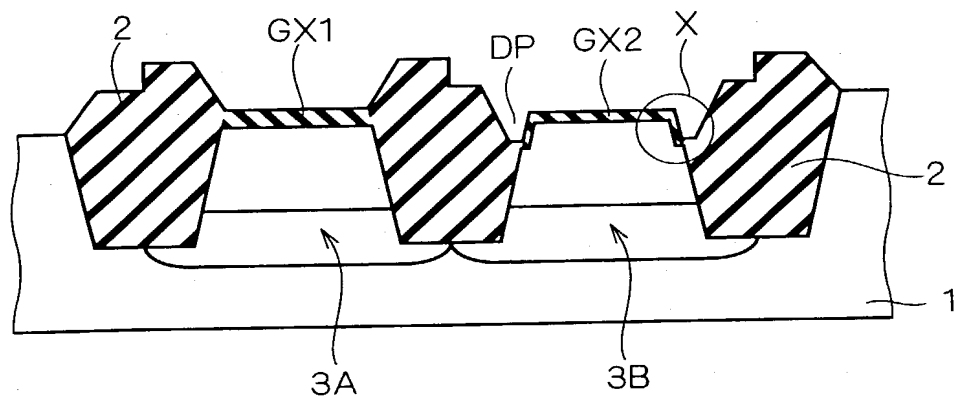

FIG.32(BACKGROUND ART)
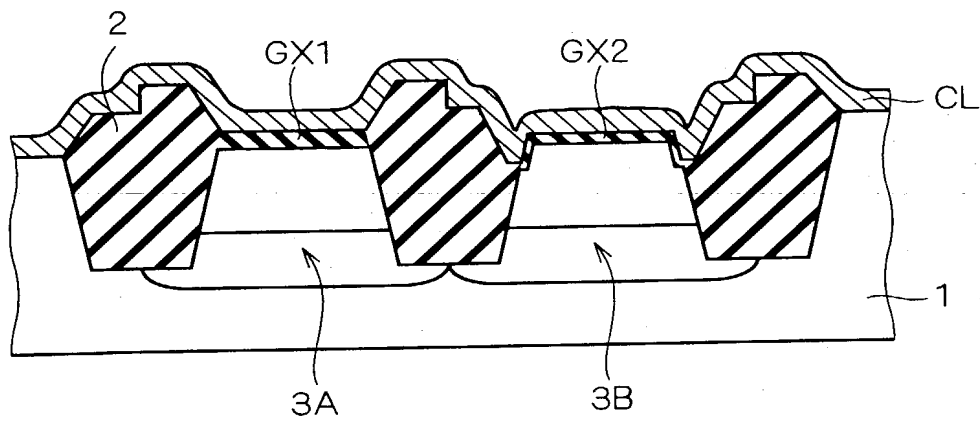
FIG.33 (BACKGROUND ART)

FIG.34 (BACKGROUND ART)

FIG. 35 (BACKGROUND ART)